

THIS MONTH WE SALUTE  
HILLSBOROUGH  
AMATEUR RADIO SOCIETY,  
INC.  
TAMPA, FLA.

# FLORIDA SKIP

Vol. II No. 6

The All-Florida Radio Amateur's Publication

NOVEMBER 1967

Price 20¢



HERE IS JOHN G. WITHERSPOON, W4GUJ, EC for Duval County in Jacksonville while operating in the AAA July 4th Bring 'em Back Alive project. John and his ARPSC crew turned in an excellent report as proclaimed Gov. Kirk in the July issue of FLORIDA MOTORIST which was sent to 160,000 AAA members. Let's all keep alert for more good amateur publicity. (Photo by Florida Times Union)



HERE IS A GENERAL SHOT of the Platinum Coast Hamfest swap tables on August 19 and 20th. Needless to say the tables were loaded with "goodies." See anyone you know? (Photo by W4IEH)

## George Hart, Top ARRL Official To Visit Miami

We have just received word that Mr. George Hart, W1NJM, newly appointed ARRL Communications Manager will be in Miami for a USCDC meeting the week of Oct. 30th.

All amateurs are invited to a dutch dinner at 6:30 PM at

St. Clair's Cafeteria, 5084 Biscayne Blvd., followed by an informal meeting (8 PM) at the American Red Cross Hq., 5020 Biscayne Blvd. in honor of Mr. Hart.

The date is Oct. 30.

Please park your car on the south side of the Red Cross Building and use rear steps.

Let's give our new CM a real Miami welcome. Come on out and let's have a friendly eyeball.

## Final Reminder For Contest

The Amateur Radio News Service (ARNS), is sponsoring a contest among amateur radio publications. It is open to all non-profit strictly amateur publications. This, of course, includes all club bulletins.

All you have to do to enter is submit any three issues of your bulletin during the current year to: Al Marcy W4ID 361 Third Ave., Sea Park, Eau Gallie, Fla. 32935, not later than Dec. 30, 1967.

There will be two categories, those with commercial advertising support and those supported by other (non-commercial) means.

Entries will be judged on such things as masthead, general format, editorials, activity coverage, local ham news coverage, usage of items from other publications, club member contributions, technical articles, illustrations and sectional coverage.

One Grand Award will be issued and separate awards for being judged tops in any of the above specialties.

## Kudos to QFN

Speaking of good channel utilization, I listened to one of our Fla. CW nets the other evening. In a span of 7 kHz I found the NCS and 3 of his pair-offs all going to town with no apparent interference to each other. Congratulations to you of the QFN, it is a pleasure to listen to good CW operating for a change.

ONYX

## Silent Keys

We are deeply sorry to report the passing of the following Florida amateurs:

David Nelson, W4LJM, Lake Wales

J. T. Green, K4KUP, Jacksonville

Milton Smith, W4HUY, St. Petersburg

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Dear Mabel XYL Award, c/o Skip, Box 501, Miami Springs, Fla.

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SEC-WESTERN SEC. G.D. McKechnie, W4IKB, 1000 N. 6th St., Chipley, Fla. 32428

## Guest Editorial

By Thomas W. Chisholm W4FP

ARPSC publicity is vital if the radio amateur is to retain his rightful place in our present and future society. It is quite alarming how badly uninformed and misinformed the public of this day appear to be regarding the public service capabilities and organized activities of radio amateurs. This also applies to the press, which is most unfortunate. Too often it is said by too many amateurs: "I don't mind helping out during emergencies, I get my personal satisfaction from doing the job, I don't want any kind of credit or publicity." Publicity is the very life blood of the radio amateur. Without it he is lost, especially when unfounded and insulting remarks are directed at him by the public, and in many cases an immature press.

On February 17, 1967 the syndicated column "Dear Abby" published the following: "Dear Abby, Recently we moved into a very nice home and our problem is the interference we get when we try to use our television set. Now we find out that a neighbor is a Ham radio operator and that's the reason for the interference. My son spoke to his son about it, the kid gave him some kind of silly answer about maybe something was wrong with our set. Abby, do you mean to tell me that just because some nut fools around with ham radio for a hobby, we have to hold still for this? In this country where there are so many ridiculous laws, are there none to control these useless nuts? Please advise. Signed 'RECEPTION RUINED.'" Following is Abby's reply. Ham operators are usually very cooperative and perhaps your neighbor would be too, if you approached him properly. I am advised by a veteran ham operator that if a neighbor complains about interference, he (the ham) will gladly provide him with a coil which filters out all interference.

There you have it dear readers, and although Abby's advice is not strictly correct, it is probably better than no advice. This type of letter, widely publicized, can do great harm to the radio amateur. I personally publicized this letter on the Florida Side-banders meeting Feb. 19, 1967.

Such character assassination of the radio amateur must be fought and answered not by words but by deeds, and good ones at that. Let's settle our differences and pull together. I remember fighting desperately as a member of ARRL like hundreds of others in New York, to have the ban lifted after World War I. With plenty of pressure from everyone interested in amateur radio, the amateurs were permitted to go back on the air, after being stalled by the government for 8 months.

Such operations as BEBA with the publicity in the September issue of the Florida Motorist and other AAA publications helps to inform the public of our ability to serve the public. It is high time we spent more time publicizing our public service activities and less time criticizing so freely when we are on the air. Let us not forget that a large segment of the public have receivers with ham band coverage, and they must be puzzled at times, I know I am.

CUL W4FP



## Letters To Editor

Editor:

Enjoyed reading about "Florida Amateur Radio Week." Perhaps the attached letter will give you the true beginning of the idea. The South Miami Radio Club, courtesy of Jay McGlon at the Miami Springs Villas before the November election 1966.

Sincerely,  
Virgil Salesbury, K4VSC

Editor, Florida Skip:

I have just read Bob Woodruff's letter in which he complained about fone patching on the amateur bands. In this

connection, I should like to ask a few questions.

How does a fone patch clutter up the band any more than a long-winded monologue?

What person, thousands of miles from home, in the armed forces or not, wouldn't enjoy hearing the voice of a friend or relative?

Why is fone patching more of a tariff invasion than message traffic?

If the fone call is of such importance that it would be made over commercial circuits, if a ham circuit was not available, then, it should not be handled by amateur radio.

(Continued on Page 12)



By Jim Wilson NØWCK  
-W4GDK

A steady flow of new members is coming into the nets of all three Florida areas. We also are getting fine coordination between phone, CW and RTTY nets so that bulk traffic from Viet Nam is being brought into the 6th Naval District and given its initial area distribution by RTTY. Then it is given its final distribution by code and phone.

In N.E. Florida, Jim Leavy NØEQW has just been appointed Emergency Coordinator for 6th Naval District Navmars phone nets. Congratulations, Jim! Mrs. Georgia Deman NØGAJ, Area Coordinator for N.E. Florida is doing a fine job as Supervisor of 6th Naval District phone nets.

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## "Maintenance" . . Antenna Style

By Earl Spencer, K4FQU\*

A dissertation on reasons and procedures for periodic maintenance along with a few hints on some improvements for your antenna system. A necessity that most Amateur's try to ignore yet those who practice it realize the profits . . .

\*1413 Davis Drive  
Fort Myers, Fla.  
33901

### PART II THE TOWER!

Most jobs begin at the ground floor and so does this one. Start by removing the guy wires if necessary and lower the tower. This won't be too difficult for those that own a tilt or lean over type tower and if you don't own one now is the time to seriously think about acquiring one. If you own a good rigid tower, this would be an ideal time to convert to a tilt over type. For some pointers on the methods, see the November issue of 73, page 88. While this may not be exactly your style it does have its good points.

With the tower on the ground, remove the antenna (s), rotator and all feedlines and set them aside for later on. Remove any appendages which may be on the tower; usually only the winch. Removing the winch will require all the cable also and the reasons for this will become

apparent later. Set all this gear aside also for later on. The smaller equipment can be worked on after dark.

The first step now is to visually inspect the naked tower. Be very thorough; get down close and inspect those hard to see parts, scratching away at spots that look like rust. It probably is rust which may surprise you somewhat. Don't be fooled by the term galvanized. It will still rust because by any other name it remains basically steel and steel does rust. Galvanizing can only retard the rusting action. Use the wire brush and take all rust, corrosion and dirt off down to bare metal. Clean the entire tower from end to end, inspecting it as you go. Look for flaws, checks, hair line cracks and broken joints especially around the portion where the cross braces join the vertical tube members. These weak spots will soon become major ones and ultimately the weak link in your chain. Repair any flaws in the best manner applicable to the situation by welding, bolting, cementing or what have you as the needs dictate.

When the tower meets with your approval of its ruggedness, paint it in its entirety and don't spare the paint. If the tower is galvanized, aluminum paint will be the easiest to apply as one coat will usually suffice, however, any type of good exterior paint may be used by priming the metal first. In this case at least two coats will be needed to do a first rate job. The best recommended paint is a good industrial enamel.

Before you set the tower aside, give it some extra thought. Do you mount your rotator inside the tower or above it? This

is an excellent time to do so. All rotators of heavy antennas should be mounted inside of the tower for best performance. Not only will it look better but it will last longer. The bearings in a rotator will give you better life span because the sleeve above the rotator will eliminate all pressure from side sway and because the only pressure is straight down the rotator will not have to fight as much torque to start the antenna turning, especially in a wind.

To mount it inside the tower you will need a piece of steel plate approximately 1/4" thick and about the same size and shape as the outside dimensions of the tower. Shape it so as to fit it inside the tower and resting atop of the first set of rungs below the sleeve. Secure it fast by welding in place or bolt it with U bolts fastened around the rungs, two to a rung. Be sure the plate is solid and does not move from side to side. Now remove the lower post housing of the rotator and lay out the placement of the mounting holes. Align the rotator by placing a short length of pipe through the sleeve and into the rotator. This should position the unit so the holes can be marked out on the steel plate. Drill the holes slightly larger than the counting bolts so the rotator may be shifted slightly to align the unit under the sleeve. Bolt the unit in place and hook up the control section with a

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# VHF EASTERN FLORIDA

By Bertha Farr Eggert

WA4BMC

Hope everyone that is able, and can, has been on ten meters. With the new FCC Docket, that and two meters, are the only bands they have left alone. Maybe us poor Generals can work our DX on ten meters.

The traffic nets on 6 meters in Miami are no more, so I am told. MARS is the reason. I had a large amount of traffic to put on six meters for Ft. Lauderdale and Miami area, over 100, but no nets.

Steve Smith, WA4JUA of Ft. Myers says "that there is an active 2-meter group on 145.48 mhz every night at 2000 EDT. There are frequent standbys for breakers and they are welcome to joining the fun if there are still any beams on the Gold Coast that are capable of aiming West. Some of the more active in the 8 PM TOWN MEET-IN' are WA4SCW, WA4LKY, K4VGN, K4GLS, WA4PIL, WA4VRY, WA4HDH, WA4LLC, WA4VGX and Steve WA4JUA." Steve I will turn my beam your way. And thank you for writing.

A long letter came from Dick, K4LFF, of Pinellas Park. (See,

## Heard On 3940

What we need is a new amateur examination. It should consist of one question, "Draw a circuit diagram of a fone patch."

if you write to me, it gets in Florida Skip.) He tells me that a newcomer to 6 meters is Tom, WB4HJF in Eau Gallie with a Swan 250; Corky, W4NVV formerly of Seminole let his ticket run out. Pappy, W4BCL, at St. Simons Island, Ga. is now on 6 meters, using a 4-element beam.

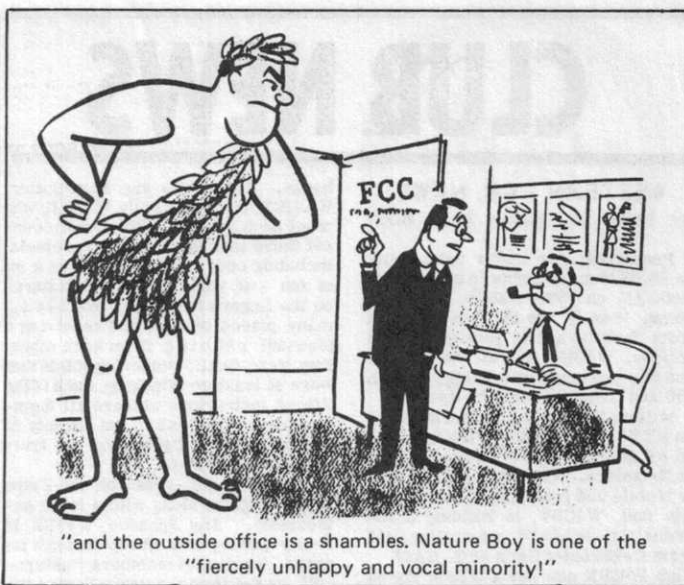
In September Dick heard, LU-4DFN working WA5RRL. WA-5RRL is Bob, 16 years old whose dad is head of the Secret Service on the LBJ Ranch where Bob operates from.

Dick also talked to Al, WA4NFM in Ft. Lauderdale and Bob W4GDS in Pompano Beach on 6 meters. He would like to get a new tower, and would trade someone a good Heath 2er for one. Thanks for the nice letter.

If you want your VHF doings printed in Florida Skip, just write them down and send them to me, and next month you will be reading them, right here.

All you Florida gals, Floridors or not, don't forget to send in your logs of all other Florida gals that you worked during September and October. The one who worked the most will get a prize; for Florida Females Only! Send your logs to Shirley, W4WPD.

That is all for this month. Please write and send me your VHF news.



"and the outside office is a shambles. Nature Boy is one of the 'fiercely unhappy and vocal minority!'"

## COULD BE OLD-AGE

Out of curiosity I went back thru the log book to check my activity and to my surprise I found that out of the last 100 contacts 70 of them were on CW. Here I am with two SSB rigs. I'm not a traffic man nor a DX hound and 70 percent of operation is now on CW! I have noticed the same thing in quite a number of other cases. Seems ham radio operating character-

istics are changing in more ways than some people lead us to believe. Wonder why?

ONYX

## LAST WORD

This brings up to the harassed mother who, after a trying day with her little ones, finally exclaimed: "All right! Do anything you please! Let's see you disobey that!"



Here is an inside shot of BRING 'EM BACK ALIVE at Orlando AAA Headquarters. In continuous operation over Labor Day were: L. to R. W4BKC, W4FXF, K4UIZ, B. Henry of AAA and Chief Operator and Orange County ARRL Emergency Coordinator Wes Gardner, K4KRG. These people did a real bang-up job! (Photo via K4UIZ)

*It's Time Again for the...*

— ANNUAL —

# FLAMINGO NET BARBECUE & AUCTION

SATURDAY, NOVEMBER 4th  
PBA PARK GROUNDS  
2300 N.W. 14th St., Miami

AUCTION STARTS ..... 1:30 P.M.  
DINNER SERVED ..... 6:00 P.M.

Prizes — Games  
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## TICKETS

ADVANCE — Adults \$1.25 Kids \$.75  
AT DOOR Adults \$1.50 Kids \$1.00



# CLUB NEWS

## WESTERN FLA. NEWS

By Frank M. Butler Jr. W4RKH

Pensacola: Ten meter net activity on 29.56 Monday nights is increasing. Both AM and SSB stations are welcome. W4AXP has his receiver back from factory and is looking for old friends. W4UUF sold all the HF gear and has two new VHF SSB rigs -- Swan 250 and a Sidewinder with linear.

Milton: K4HOX is putting a Model 19 on RTTY. Fort Walton: WB4GYX joined AF MARS and is getting an ARC-1 on 2-meters. WN4GMG made the trip to Mobile and passed his General test. His dad, W4UNV, is building a 10-meter rig. W4AIW is operating/AM from C-121 out of Eglin AFB. EARS Club W4SRX now has a WBFM rig on 146.94 Mc.

Defuniak Springs: K4KHV is the new EC for Walton County.

Chipley: WB4FLK's daughter received Novice ticket, WN4HMD. She will be operating /3 while at school this winter.

Madison: WA4GHE is constructing a windmill tower to hold 75, 40 and 6-meter antennas. Hams and CB's are joined to form a county-wide emergency communications group.

Cross City: W5AYS/4, Dixie County EC, has been transferred, leaving W4SIU the only ham in these parts.

## GULFSTREAM SOCIETY

By Al Suhr, WB4AID

Did you ever try your hand at teaching a group of boys the art of soldering? It can be a three ring circus, believe me! The boys are members of Boy Scout Troop 304 of the St. Andrews Episcopal Church in Lake Worth, they are in the process of preparing studies for their radio merit

badge. The tutors are Tom Butler, WA4IET and yours truly WB4AID who meet each Saturday afternoon to counsel these lads through many projects, including code instruction. It is a lot of fun -- if you can call small burns on the fingers fun. After overheating many pieces of wire and receiving a pleasant ribbing from each other, they were finally soldering joints that were at least good looking. Such is the life of instructors who are all members of the Gulfstream Society of Amateur Radio Operators. A truly uplifting experience.

The class for Advanced and Extra Class is going along with a lot of enthusiasm. Jim Johnson, W4JBZ is really putting this group through its paces, leaving no members "untuned", by the time the group begins the next phase of study -- there will be some smart cookies emerging to begin all over again. This is the most studious membership I have ever seen. Real serious, too -- most of the time.

The Society is using ten meters for a membership net on phone. There is no set schedule, but WB4AID will tune up on ten shortly after 8:30 p.m. EDST to receive calls from members. The other night, Saturday, the operation was a real gasser.

Sorry about the short article this month, fingers have burns on them.

## WEST PALM BEACH AMATEUR

By John Benjamin

It's nice to be writing the article for Florida Skip again! A combination of school and work messed the writing schedule.

A lot of news has been building up since the last report. Our Club participated in the net BEBA operation. We were located in the AAA office in West Palm Beach. Messages were originated from this office and relayed to the Club. From there it was sent out

on the net. For those we worked during the operations, we are using the Heathkit SB-401 driving a GE linear and using a Lafayette receiver. The Club handled about a hundred or so pieces of traffic. It was both fun and a real good experience for the Club. We certainly hope that it did some good. Congratulations to all the many participating stations on a real good job!

The Club's operating room is getting a new face lifting job. In the past, all operations were done in a standup fashion. This was re-modeled to a beautiful console operating area. This gives us lots more room for all our activities. Jim Hughes, W4EXO, President, and Ted Caldwell, K4IFQ, Station trustee, were responsible for the modeling.

The Club has been averaging about 10-15 persons at the club building each Monday and Friday evenings!

We want to welcome Wilson Hanesworth, W4LTN, back. Wilson is active on two meters and has been vacationing up in Yankee land.

Happy Thanksgiving!

## B.A.R.C. NEWS

By Jim Wilson W4GDK

Our Snowbirds are beginning to return to us and we are very glad to have them with us again. If they only realized it, we usually have a nicer summer right here in Florida than they do on the Isle of Uncertainty.

At our September meeting a nominating committee was named. They are to present a slate of nominees for the five officers and five additional members of the Executive Board. Additional nominations may be made from the floor at the October meeting. The election will be held at the November meeting.

Also at the October meeting nominations will be received for the Annual Ham of the Year award which will be given at the annual banquet.

At the October meeting we will see the Civil Defense movie "A Hurricane Named Betsy". If it packs the punch that Betsy did, it should be a powerful show.

We cordially invite anyone interested in ham radio, whether visiting or residents of the area, to attend our

meetings of the Broward Amateur Radio Club. We meet the second Wednesday of each month at 8 PM. Place: Broward Medical Bldg., 2200 So. Andrews Ave. (Just north of S.R. 84), Ft. Lauderdale, Fla. Come and let us get acquainted with you.

## ORLANDO RAMBLINGS

Hal, W4BKC

Still getting favorable comments from people who read the AAA State paper "Florida Motorist." Many were surprised and pleased to learn for the first time that Amateur Radio does perform public services.

For handling massive traffic--30 orignations - 565 received we are thoroughly converted to the taping idea. If you have a couple of secretaries who can copy thru QRM and QRN. Now if someone would come up with a filter to eliminate those two "Q's" we'd have it made, right? Please fellows when someone is copying with a stick, take it a little slower. Had to scratch so fast, couldn't read my own writing, which isn't too legible in the first place.

Next event on the calendar is CD-EX 67, which is the National Civil Defense Exercise. Understand that Nebraska and Florida were selected by a computer for real active participation. I understand it from a preliminary briefing, this computer has come up with some dandy problems, that will give everyone a real workout.

During dinner at the Quality Court Motel (site of next years Hamfest), the Orlando Amateur Radio Club, Inc. elected a new slate of Officers as follows:

President--Jesse Price, W4CLJ  
1st V. Pres.--Cliff Yarborough, W4-CFA

2nd V. Pres.--Harold Witt, K4GA  
Secretary--Elmer Sangbush, WA4VCD  
Treasurer--Paul Montgomery, K4JSS

A rising vote of thanks was tendered to Jim, W4PAO, and his Officers, for an administrative job well done.

## SUNCOAST ROVING REPORTER

By Cathy Soehl-W4BAV

The Suncoast area was well represented at the Bartow Hamfest Sept. 10th. About 200 attended and WA4DEV-Roy Pitzer, of Auburndale, won the Enico 6 and 2 transceiver.

K4RKY-Pete worked K4PXY-Pat Patterson (former member of SPARC) who is now in Fountain Valley, Calif. He reports he recently celebrated his 31st year in the Coast Guard and he is now down to a slim 190 lbs. Hi!

W4GJO-Grid was speaker at the Sarasota Amateur Radio Club on Sept. 19th for their VHF program.

W4RUR-Ed has been having a bout with a virus attack. Trust he is fully recovered by this time and back on the air.

WA4DHS-Fred and XYL-Flo vacationed for a week recently in Bowling

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3940kHz

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Daily

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## NORTH FLORIDA AMATEUR RADIO SOC.

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## TECHNICODE SYSTEMS

6421 S.W. 41 St Miami, Florida 33155

Green, Ky. Had to hurry back for Tampa Hamfest!

WA4TIC-Keyth, while on vacation in Wisconsin, was taken sick suddenly and required surgery. Glad to report he is doing OK and expects to return to St. Pete in October.

WA4FGH-Joe (at his rig) had a nice picture in the "Ham Shack" Column of the St. Pete Independent and K4BNE mentioned in his column that WA4FGH and W4HTH-Ed are monitoring the 20-meter band early in the morning, trying to contact CP8AU, in Bolivia, who wants to speak to a St. Pete resident. Good luck, fellows!

## NOFARS

By Howard Kelley, K4DSN

Taking the first big step toward finding a permanent home for NOFARS president Ron Locke, W4YPX, has named Landon Hoyt, W4PLE, to head a building committee. The committee, however, will be doing little building for a while. A feasibility study will be made first, then a plan for initiating a building fund will follow.

George Werner, W4ORT, reports that the NOFARS Novice Class has completed their course with twenty-four out of twenty-five passing the code exam and twenty-two out of the twenty-four taking the written test.

A tri-band beam and forty-foot tower have been given to the club toward eventual use at a permanent clubhouse and for Field Day operation. Maurice Gauthier, W4PMV, was recently transferred to Baltimore and left behind the beam and tower if club members were willing to dismantle the array. They were.

Shortly after North Florida's active participation in the Bring-'Em-Back-Alive Labor Day campaign, a group of NOFARS pitched in to provide communications for a drive to collect money for leukemia stricken children. In all, the club has provided communications a half dozen times during the year for other clubs and organizations.

A massive membership campaign was kicked off in October to recruit as many of the 600 area hams to join the most active club North Florida has ever had.

A six page issue of the Balanced Modulator with a picture page was sent to every ham in the area... over 700 copies of the special edition went out altogether.

A much bigger-than-usual meeting was planned in the large auditorium of the county Civil Defense headquarters with all the trimmings.

## FT. MYERS CLUB NEWS

By Ken W4SMK

Ed Roller W4WYJ gave us a fine talk on the theory of plate tank circuit designs last month. Ed is the local G. E. two way radio rep and also sells Rohn towers to commercial and ham buyers.

W4LNE/MM is aboard the Wolverine State headed for the Far East and has been keeping schedules with W4KET, W44LKY, W4SMK and others.

The BEBA Operation got plenty of good publicity for amateur radio on the air and in the AAA magazines. K4KRG and his group certainly deserve lots of credit for the hard work and long hours they put in.

We hope to have a visit from our SEC W4IYT this month or possibly

next month. This month is also the election of officers for the new year so be sure and turn out to vote.

W4KET's homebrew KW amplifier is now on the air and Herb reports it is working fine.

W4SMK has the cubical quad fever and will soon have a 3 element bird catcher up 60 ft. Hope the neighbors understand it is all in the interest of public service.

Congratulations to Lester WB4HJV who now has a General Class ticket and is quite active.

We regret to hear of the passing of W4LJM. David was severely handicapped, but never lost his fine sense of humor and it was a pleasure to QSO him many times.

Congratulations to the MARS members and other amateurs who are helping to keep the services' morale high with their traffic and phone patch work.

## POLK COUNTY

By Ken W4WZZ

September has been a very busy, enjoyable and rewarding month, with all of you who attended the V.H.F. picnic. Roy W4DEV, had the winning ticket. This makes two out of three years for him. This year he takes home that 6&2 transmitter that had everybody's name on but his. I do feel that my luck is changing though, I did win the junk box. Besides those who attended, we would also like to thank those who donated prizes.

This did not by any means conclude the month for us, for on Sept. 21st W4MVB Jesse Morris enlightened us on the duties of SCM when he attended our club meeting. We hope he enjoyed himself as much as we did and wish to thank him again. We hear that his trip home was not so good with having car trouble. We were sorry to hear of the passing of Dave Nelson W4LJM, Lake Wales.

73, Ken

## INDIAN RIVER

By D.R. Klobe W4KJV

Start off the month with a bang is the way Tom Dingman thinks. Tom came up with a real FB family picnic. This is about the second picnic since the club was reactivated and the XYL's and harmonics really had a fun time. There were games for the OM, XYL and kids and there were prize's as well. The talk going around was "let's have another one soon." What say, Tom?

Did you see the write-up that the AAA gave the hams in their monthly paper? It seems like most of the article was how the hams supported them in their BRING 'EM BACK ALIVE project. I have been in ham radio about 11 years and in this state for about 5 years and I have never seen so many public minded amateur's. Let's keep up the good work.

I'm a little late but I would like to tell the Platinum Coast Amateur Radio Society that we really enjoyed their hamfest. Would you believe it, I finally won something. No, it wasn't the Swan, it was a FB signal generator. Ran into a lot of old on-the-air friends there. I saw I.J. W44SCK and talked to him and I saw Norm W4JWC whom I have been talking to on and off for about a year. That was the first time I have ever had an eyeball QSO with him and believe it or not, he only lives two blocks from me. I always knew

where he lived but somehow never got over to his QTH.

Don't forget ARRL member's that the deadline for the Southeastern Division ARRL Member Questionnaire is November 10th so let's get it in to Chuck.

73's and see you all next month.

## DADE RADIO CLUB

W4EDP

Having been on vacation and out of town ever since my last report I am a little behind on the goings on with the Dade club. I have been told, however, that the last meeting was a regular comedy of errors, starting with the notices for the meeting. Everything worked out OK in the end, the way that things usually do if given a chance.

There is a crackerjack of a program to be held on Oct. 17, put on by FP&L on the subject of electric shock and the human body. The theorem of electric chairs is fully covered, I have been told.

Drop around to one of our meetings. You are most welcome. We still meet at the Museum of Science on the first and third Tuesdays of each month at 8:00 P.M.

## FLA. SIDE-BANDERS ASSN.

On 1 October, 1967 the Florida Side-banders' Association held its 394th consecutive meeting with the initiation of member #303, Hal W. Kutz, W4CWI, 805 Cumberland Street, Lakeland, Florida 33801.

During the week, it was noted that member #292, W4JLM had joined the Silent Keys. It is with much regret that we note the passing of Dave Nelson, he was loved and respected by all who knew him.

The Association will have a swap table at the next Orlando Hamfest, W44NEV has requested W4NGR, Al Case who is a member of the Orlando Radio Club to make the necessary arrangements.

There has been an average of fifty-five members reporting in to meetings on Sunday evenings at 22:00 hours, 3940 Kc. With the advent of cooler weather and the end of vacation that number is expected to increase.

The club approaches its eighth year of operation in a healthy condition, as with any organization that is as well managed it should grow larger with time. Eight years ago the sideband technique was something that was little understood, today it dominates the amateur field. Eight years ago the members of the Florida Sideband Association were pioneers, today they are Old Timers.

Respectfully submitted,  
C. B. Schnerr K4SRI

## WEST PALM BEACH RADIO CLUB

By Stephen E. Mandell WB4DVH

The West Palm Beach Radio Club meets every Monday and Friday evening, at 7:30 P.M. Business meetings will be held on Monday the first of each month. Anyone is welcome. One of our members, better known to his friends as Twisty, W4DWK, has just acquired some new gear, an HT-32A xmtr, Ht-41 and a Hornet beam.

The club has finally got around to putting a linear on the air. It uses a pair of 813's in the final. The first try out was in the Beba communica-

tions network where the club did quite well.

The club's president is Col. James Hughs W4EXO, club's engineer is Ted Caldwell K4IFQ, Ted with the help of Jay WB4DSP put the linear on the air. Congratulations to Mike Stuart WN-4ETD who is now the club secretary. Steve Mandell WB4DVH better get himself a Dummy Load, to tune up on six meters, Ted W44IXU is against the idea of getting a dummy load, but I insist on getting one, Hi Hi.

The club operates all bands except 160 meters, on all the low bands the club uses SSB, CW, AM and on the high bands the club used as, cw, any station s wishing to check in are welcome to do so. On six meters we monitor 50.250 and on two meters we monitor 145.350.

Well it finally happened, Ray Hoopes Jr. whose old man is Ray Sr. W44FJZ is finally going to take his test for technician class, GOOD LUCK OM.

## FLORIDORA NEWS

By Cathy Soehl - W4BAV

The SPARCYLS Annual Xmas Party will be held Sunday, Dec. 3rd, at the QTH of W4BAV-Cathy, 467 Jungle Way, Sarasota, at 2 PM. All Floridoras and YLs in the area are cordially invited to attend. There is an exchange of gifts, each not to exceed \$1.00. The location is 1/2 way between Bradenton and Sarasota, just off Route 41. Phone: 355-5814.

Don't forget the Floridora Contest still in progress. Girls doing a fine job on all bands. Check into the Net Tuesdays, 9 AM, 3933 KC.

W4BWR-Ruth is commended for making the colored sketch of the Floridora Girl, to be included on table of Club Emblems, a prize at YLRL Convention, June 1968, at Denver, Colo. Save your pennies, gals, and see you there. (??)

K4TGU-Mildred and OM-Phil, returning from N.C. vacation, horrified to find the front door open and all their Collins equipment (\$5000. worth) stolen, nothing else missing. All had been neatly disconnected. Scoundrels!

K4UIZ-Ev and OM-Hal have their troubles, the most recent being a fire in carport which destroyed Hal's car; Ev's car saved; little other damage except few broken windows. Lucky they were awakened in time to prevent fire spreading. "Ill wind that does not blow some good" -- they now have a new Thunderbird.

W4WYR-Evelyn and OM Carl may have a few gray hairs after their harrowing experience of brakes failing on their camper, as they went down a mountain on their recent trip to California. Glad nothing serious happened.

W44KYA-Vivian happy that son Larry is back from Viet Nam; taking his wife with him when reporting to Ft. Benning.

K4RHL-Ellie working beyond the call of duty on the Hurricane Net, received reports direct from Miami Weather Bureau. W4QBY-Dorothea gave assist early morning session.

DON'T FORGET . . .

FLA. ARRL NET

THURS., 8 P.M.

3950

# NET NEWS

## TROPICAL PHONE

By Ken W4SMK

TPTN activity was up for the second month in a row and it makes things more interesting for everyone to have some traffic to handle. See W4MVB's column for the net standings, and keep the traffic coming.

Case, W4NGR has been doing a good job as NCS on the Tuesday spot, and Hershel, W4PBK has stepped into the Wednesday position. Kris, W4FCP up in Sebring is now NCS on Friday. All of these fellows are old timers in the NCS business and we appreciate their helping out, and volunteering for the jobs without having their arms twisted, too. Amateur radio needs more willing helpers and boosters rather than just grippers.

WB4DSP/4 is now attending the U. of Fla. and still puts out a potent signal from Gainesville.

I had a nice visit from Don, WA4YIH before he went back to school. Don flew over on a business trip to Ft. Myers and we had a nice rag chew that afternoon. Good luck at school, Don.

Jim, WA4DEL has activated W4DFU the Gator Club station in Gainesville and it's good to have them back on the roll call.

More familiar calls back on the net are Steve WA4WNE/4, and Rick WA4WEB.

Bertha WA4BMC has been bringing us lots of in and out of State traffic, as does WA4SCK of course, and also W4TUB who is getting back in action again.

## FLORIDA ARPSC NETS

ARRL League Official/Appointee net, 3950 Thurs. 8 PM Florida Amateur Sideband Traffic, 3940 Sun.-Fri. 6 PM Florida Amateur Teletype Traffic, 3704, Daily 7 PM Florida Midday Traffic Net, 7230 Mon.-Sat. Noon, Florida Phone Traffic Net, 3945, Mon-Sat 7AM Florida SSB Emergency Net, 3940, Wed. 7:30 PM GATOR Net 3651, Daily 8:30 AM.

QFN All Florida c.w. Net, 3651, Daily 630 and 10 PM South Atlantic Traffic (Fla. to NY) 3950 Mon.-Sat. 1030 PM Tropical Phone Traffic Net 3945, Mon-Sat 5 PM West Florida Phone Net 3957, Daily, 6 PM. (All times in EDST) (Keep this list near log.)

TPTN will probably remain at 2200 GMT when the time changes back in Oct., so look for us at 5 PM local time after that.

## SATN

By WB4DSP

We are glad to have Arnold WB4BZA back to full power. He had a slight problem with his amplifier. His sigs now punch thru like rock-rushers.

It's nice to have Bruce WA4YII back on regularly. We missed him on Mondays for awhile. Incidentally Bruce and a few others, sound much louder now that I have moved to Gainesville for the school year.

Les, WB4BPL has had some problems as have WB4HNU and W4SME. Les has had receiver and transmitter problems ever since he was hit by lightning a few months ago. Doc has receiver trouble.

Winter starts to bring new check-ins. Glad to have you all with us again.

The SATN meets daily except Sunday at 2230 EDT. We have been operating on 3946 plus or minus 2 kHz. We always welcome all check-ins with or without traffic. There are a lot more stations in Florida, especially that can and should participate. We look forward to hearing from you. 73, Jay.

## FMTN

W4AKB

We are all sorry to hear of the death of Dave Nelson W4LJM of Lake Wales, Florida. Dave had not been on the net for several weeks and we missed him. Our sympathy to his family and friends.

Richard WB4ADN Jacksonville is back with us again from time to time. After all his operations this year; we hope he needs no more and can be with us from now on.

Another long lost soul was headed South mobile a few days ago. Jack, WA4WYL was headed home in Marathon and checked in with a real good signal. We are looking for you Jack.

Ted, WB4CBP has had a recent spell in the hospital but is now out and back on the air again. We hope all your troubles are over, Ted.

FMTN meets every day except Sunday, at 12 noon EDST or 1600z. We welcome all modes, AM, CW, SSB to check-in. Any station desiring to be placed on the roll call may request the NCS to do so and you will be called each day. Stations not checking in over a period of weeks will be dropped from the roll but will be re-instated if and when they resume.

During the month of September there were 25 sessions with 549 stations handling 324 formal messages. Average QNI was 22; average QTC was 13.

Our Net Manager is W4SDR, Clyde in Daytona Beach and Asst. Net Man-

OLDEST PHONE NET  
ON AIR

## KNIGHTS of KILOCYCLES

SUNDAYS

3910

7:30 A.M. Nov. to April  
7:00 A.M. April to Nov.

ager is Herb, K4DAX in Bradenton.

73, Charlie

## FLAMINGO NET NEWS

By W4EDP

The Flamingo Net is flying high these days what with ten meters being open so regularly and staying open till quite late. It is rather a rare thing to have the net close down on Friday without working several short skip stations after the roll call. The ten meter band is really hot during the day. One morning this writer went into the shack for a few minutes and in less than fifteen minutes heard all of the following prefixes - G, EI, EA, OH, SM, ON, F, DJ, and CT. I did not have time to work them all, but did knock off a couple in the short time I had. I'm gonna have to make some arrangements to get to stay home during the day more often.

The annual Bar-B-Q and auction has been set up for Nov. 4 at the PBA grounds at 2300 NW 14 St. Dinner will be served at 6 sharp, ummm ummm. (See ad elsewhere.) Bring some of your junkie along and auction it off, it will be a goodie for someone else.

One of our famous transmitter hunts will be held on Sun. Oct. 16. If you would like to get in on the fun listen in on the Net Friday and get the low-down.

So long for now, see you on 29.044 MHZ Fridays at 7:30 PM.

## THE 27th STATE

Florida was the only part of Atlantic coastal southeastern North America that did not belong to the U.S. after the Revolutionary War. Florida was ceded by Spain to the U.S. in 1819. Twenty-six years later it became a state.

## TRAFFIC HOUNDS

By Jesse H. Morris, W4MVB

Each month we are happy to list the top 20 Florida traffic takers. We hope to see your call here next month.

1. K4KRG	BPL	597	11. W4VDC	90
2. WA4BMC	BPL	508	12. WA4FGH	89
3. W4ILE		392	13. WB4DSP	83
4. K4Vfy		387	14. W4NGR	79
5. WA4SCK		289	15. K4DAX	78
6. WA4NEV		278	16. K4COO	75
7. WB4HKP	BPL	226	17. W4SDR	71
8. W4FPC		222	18. W4SMK	71
9. WB4AIW		206	19. W4FP	64
10. WA4JIM		172	20. W4AKB	63

## TOP TWENTY TRAFFIC TAKERS

NET	QNI	QTC	SESSIONS	AVG QTC
QFN	622	399	60	6.65
GN	116	106	30	3.5
FATT	174	24	30	.8
SATN	190	73	23	3.17
TPTN	453	158	25	6.3
FPTN	404	140	26	5.4
FMTN	549	324	25	13.0
FAST	797	172	25	6.9

## QFN REPORT



By Bob  
Blumberg  
WA4OHO

QFN management has once again changed hands to Western Florida, under the guide of RM W4BVE Alan. However, Al is currently very tied up with MARS work so Bob WA4OHO will keep track of the net records for AL.

Things are picking up again on QFN. For the month of September, there were 622 check-ins, 399 pieces of traffic moved and the net ran for an average of 16.7 minutes per session. Our rate, 6.398, was almost double last month's. 59 different stations participated in the 60 sessions of this month.

QFN is very glad to have K4VNG home on leave and performing valuable regional net and NCS work for the net. WB2WWH/4, Frank in Miami Beach is now WB4HKP and W5BJG/4 John in Fort Walton Beach is now WB4GYX. WA4WEB and K4FFT are welcome newcomers.

Very happy to have WA4SCK back from his vacation. Our regional net representation is now somewhat more complete.

QFN members were fortunate that no hurricanes hit us, but the season isn't over! That, plus the fact that conditions are constantly improving should remove anyone's excuse for not joining QFN daily on 3651 kc at 2230 and 0200z.

## SUPPORT FLORIDA SKIP



AFB4JTK/AF4C4BND

The phone patch traffic to Southeast Asia is on the increase each month. For the month of September there were more than 11000 patches to and from that area. We do not have a list of stations that were outstanding but eventually we hope to have some from Florida, as well as the whole of Area 2.

There will be some changes in the operation of Area 2 net. One change that has been implemented already is the change of frequency, from 4417.5 to 4416 kcs. We hope that all stations can make the shift.

In the state of South Carolina the State Mars Director AFA4-GXJ, Stanley F. Goodman has resigned and AFA4SMP Robert L. Hall has been appointed as the new State Mars Director of S.C.

Here in Miami the six meter net has had much success in the field of checkins lately. I guess that vacations are over and we will have a healthy, happy increase in traffic. All the new stations are really catching on fast to the requirements of Mars nets. There were few mistakes made in the last 10 messages passed to these stations.

We had a very fine meeting at Winterhaven, Fla. There were many things given away and most were happy when they left. However some members



NEWLY ELECTED OFFICERS of the Orlando Amateur Radio Club (W4PLB) L. to R.: Cliff Yarbrough W4CFA, 1st VP; Paul Montgomery K4JSS, Treasurer; Harold Witt, K4GA, 2nd VP; Jesse Price W4CLJ, President. Elmer Samgbust WA4VCD is Secretary not in picture. (Photo via K4UIZ)

arrived at the meeting supposedly on time and were left out. It was observed that in the future there will be a directed meeting and all members will not be disappointed. I mean not any more. There were more than 60 members at this meeting and this was a very good turnout.

AFB4JTK has been acting as Net Control of Area 2 net for the past few weeks and I'll let you know that it is not as easy as 6 meters. Working 5 states is a lot of work and I am enjoying it. By the way, why don't more members from the Miami/Broward County area get HF Xmitters and join us on 4416? We would sure like to see more on this in the near future.

The six meter net's intrastate

system has met with much success and we will be reporting on its progress as we get information. Tune in on 49980 kcs, Tuesdays at 9:30 p.m.

Get in touch with your local AF Mars member if you wish at all. You can hear 'em any further information about AF day, callin' "NST" or "NNGT" Mars. In Miami call AFB4JTK all over the bands. Sometimes at 624-3018 or AFC4BND at you can listen for hours without hearin' a call sign without less'n four letters after the number. I bet the YH's out-number the K6's in California, but we got quite a few AK4's right around home here.

*America is the only country in the world where men get together to talk about hard times over a \$7.00 steak.*

*Be sure to brush with your electric toothbrush at least twice a day and visit your electrician at least twice a year.*

## Roar of Mud Turtle

I sure would be happy if a few...like mebbe half...of them with the CW affliction would realize that when Mr. Morse made up his code, he didn't use jest dots an' dashes--he used spaces too. First thing some wise ape's gonna say is so what, we don't use no Morse code, we use Innernational. Ha! I got a answer for that too, because Mr. Innernational used spaces when he made up his code.

Thing is, I'm gettin' awful sore about all these guys all they think they gotta do is send the dots an' the dashes in the right order an' they got it made. It's bad enuf when they don't bother with no spaces between works, like: ALASPOREYOR-ICKIKNOWEDHIMWELL. Or they don't mind stickin' in a few

extra spaces any old place, like: ALA SPOREY ORICK I KNO WEDH IMWELL.

What really bugs me is the guy who firmly sticks his head in the sand an' refuses to reckonize the existance of spaces AF Mars member if you wish at all. You can hear 'em any further information about AF day, callin' "NST" or "NNGT" Mars. In Miami call AFB4JTK all over the bands. Sometimes at 624-3018 or AFC4BND at you can listen for hours without hearin' a call sign without less'n four letters after the number. I bet the YH's out-number the K6's in California, but we got quite a few AK4's right around home here.

In the good ole days, all you had to do was write the stuff down when a guy sent sump'n at you. Now you gotta hire a interpreter to figger out what it is you got wrote down,

--Ken Bay, W4DVT

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**CENSUS OF AMATEUR RADIO LICENSES in the U.S.A.**  
by classes, within states and call areas, from Fall 1967 Callbook

Call Area	State	Novice	Tech-nician	Con- ditional	General	Advanced	Extra	Club	Military	Multiple stations	State totals	YL's (Included in state totals)
#1	Conn.	195	766	918	1,942	649	101	83	12	71	4,737	134
	Maine	56	109	690	395	249	53	16	16	35	1,619	55
	Mass.	447	3,349	689	4,662	1,550	244	124	43	168	11,276	396
	N.H.	69	394	199	575	203	34	18	9	54	1,555	73
	R.I.	48	548	116	645	180	38	25	6	23	1,629	67
	Vt.	31	64	257	158	81	12	8	5	32	648	38
		<u>846</u>	<u>5,230</u>	<u>2,869</u>	<u>8,377</u>	<u>2,912</u>	<u>482</u>	<u>274</u>	<u>91</u>	<u>383</u>	<u>21,464</u>	<u>763</u>
#2	N.J.	675	3,638	440	5,702	1,975	317	169	24	109	13,049	322
	N.Y.	<u>1,236</u>	<u>6,817</u>	<u>1,017</u>	<u>11,080</u>	<u>3,149</u>	<u>505</u>	<u>334</u>	<u>70</u>	<u>230</u>	<u>24,438</u>	<u>644</u>
		<u>1,911</u>	<u>10,455</u>	<u>1,457</u>	<u>16,782</u>	<u>5,124</u>	<u>822</u>	<u>503</u>	<u>94</u>	<u>339</u>	<u>37,487</u>	<u>966</u>
#3	Del.	23	112	46	328	73	13	7	4	13	619	13
	Md.	224	910	315	2,467	857	131	57	23	70	5,054	110
	Pa.	737	3,999	994	6,804	1,843	273	200	49	168	15,067	433
	D.C.	26	111	41	322	153	23	15	15	28	734	16
		<u>1,010</u>	<u>5,132</u>	<u>1,396</u>	<u>9,921</u>	<u>2,926</u>	<u>440</u>	<u>279</u>	<u>91</u>	<u>279</u>	<u>21,474</u>	<u>572</u>
#4	Ala.	165	720	959	1,394	374	51	24	19	36	3,742	142
	Fla.	372	1,613	2,103	3,811	1,664	226	88	47	241	10,165	374
	Ga.	211	617	1,004	1,575	492	65	47	33	38	4,082	107
	Ky.	127	446	598	872	310	46	30	16	28	2,473	56
	N.C.	217	610	1,138	1,523	534	61	46	35	68	4,232	134
	S.C.	132	124	1,166	454	153	29	21	30	23	2,132	60
	Tenn.	237	1,148	765	1,642	439	65	38	15	52	4,401	122
	Va.	267	831	947	2,469	896	130	58	61	92	5,751	128
		<u>1,728</u>	<u>6,109</u>	<u>8,680</u>	<u>13,740</u>	<u>4,862</u>	<u>673</u>	<u>352</u>	<u>256</u>	<u>578</u>	<u>36,978</u>	<u>1,123</u>
#5	Ark.	109	265	493	562	200	28	25	13	34	1,729	74
	La.	154	367	852	1,209	378	51	35	27	37	3,110	81
	Miss.	48	130	610	528	194	20	12	12	37	1,591	35
	N.M.	62	126	709	411	265	46	16	18	27	1,680	68
	Okla.	164	692	637	1,220	493	52	41	43	44	3,386	118
	Texas	<u>706</u>	<u>2,532</u>	<u>3,719</u>	<u>5,495</u>	<u>2,060</u>	<u>225</u>	<u>146</u>	<u>113</u>	<u>170</u>	<u>15,166</u>	<u>615</u>
		<u>1,243</u>	<u>4,112</u>	<u>7,020</u>	<u>9,425</u>	<u>3,590</u>	<u>422</u>	<u>275</u>	<u>226</u>	<u>349</u>	<u>26,662</u>	<u>991</u>
#6	Calif.	<u>1,535</u>	<u>8,780</u>	<u>4,224</u>	<u>16,261</u>	<u>6,994</u>	<u>801</u>	<u>469</u>	<u>199</u>	<u>550</u>	<u>39,813</u>	<u>1,304</u>
#7	Ariz.	188	660	639	1,159	453	63	32	41	65	3,300	148
	Idaho	48	32	613	162	139	15	9	17	21	1,056	50
	Mont.	44	50	722	153	131	24	15	15	12	1,166	58
	Nev.	24	49	385	154	106	12	8	13	38	789	31
	Oreg.	252	598	983	1,738	621	60	60	37	46	4,395	206
	Utah	109	254	213	539	168	26	14	24	18	1,365	41
	Wash.	312	1,087	1,497	2,788	1,011	127	68	53	79	7,022	303
	Wyo.	47	24	259	117	64	7	11	3	7	539	26
		<u>1,024</u>	<u>2,754</u>	<u>5,311</u>	<u>6,810</u>	<u>2,693</u>	<u>334</u>	<u>217</u>	<u>203</u>	<u>286</u>	<u>19,632</u>	<u>863</u>
#8	Mich.	677	2,947	1,184	4,551	1,151	118	130	37	120	10,915	359
	Ohio	869	5,769	712	6,448	1,893	181	202	47	153	16,274	550
	W.Va.	98	451	231	790	169	23	21	11	29	1,823	47
		<u>1,644</u>	<u>9,167</u>	<u>2,127</u>	<u>11,789</u>	<u>3,213</u>	<u>322</u>	<u>353</u>	<u>95</u>	<u>302</u>	<u>29,012</u>	<u>956</u>
#9	Ill.	863	3,614	2,027	6,389	1,899	207	209	42	194	15,444	482
	Ind.	322	2,183	633	2,546	743	74	114	21	83	6,719	253
	Wisc.	315	842	1,102	1,745	682	63	78	29	62	4,918	127
		<u>1,500</u>	<u>6,639</u>	<u>3,762</u>	<u>10,680</u>	<u>3,324</u>	<u>344</u>	<u>401</u>	<u>92</u>	<u>339</u>	<u>27,081</u>	<u>862</u>
#10	Colo.	140	455	764	1,285	496	77	40	31	45	3,333	128
	Iowa	253	634	680	1,785	571	64	48	17	46	4,098	127
	Kans.	243	327	1,140	1,232	458	63	43	48	31	3,585	145
	Minn.	298	534	985	1,851	624	81	57	19	40	4,489	114
	Mo.	265	1,099	960	2,250	756	104	72	25	55	5,586	181
	Nebr.	139	305	566	831	271	30	31	18	10	2,201	78
	N.D.	39	17	497	79	72	14	11	14	12	755	30
	S.D.	42	48	294	273	94	7	10	10	11	789	39
		<u>1,419</u>	<u>3,419</u>	<u>5,886</u>	<u>9,586</u>	<u>3,342</u>	<u>440</u>	<u>312</u>	<u>182</u>	<u>250</u>	<u>24,836</u>	<u>842</u>
Grand total, 48 states and D.C. only		<u>13,860</u>	<u>61,797</u>	<u>42,732</u>	<u>113,371</u>	<u>38,980</u>	<u>5,080</u>	<u>3,435</u>	<u>1,529</u>	<u>3,655</u>	<u>284,439</u>	<u>9,242</u>

Published by RADIO AMATEUR CALLBOOK, INC., 4844 W. Fullerton Ave, Chicago, Illinois 60639.

## Newly Revised '101 Ways' Book Describes Ham Equipment Testing

Part of the fun of being a ham is the hope of discovery through trial-and-error experiment. However enjoyable it may be, it rarely is an efficient way to troubleshoot equipment.

A basic knowledge of the test equipment commonly used to check out and troubleshoot ham equipment can save much of this wasted effort.

A new revision in the well-known "101 Ways" series is a brass tacks handbook giving hams these fundamentals. In addition, 101 WAYS TO USE YOUR HAM TEST EQUIPMENT by test-equipment authority Robert G. Middleton, encourages hams to explore the total

possibilities of their equipment.

The book covers the uses of such basic instruments as VOM's, VTVM's and oscilloscopes as well as more specialized types, including dip meters, antenna impedance meters, reflected-power and SWR meters, bridges and test-equipment accessories.

The uses explained range from the most basic to the more involved and imaginative. Yet, explanations are concise and easy to follow. Proper test setups and procedures are described, and test evaluation methods are explained.

Copies are available from el-

(Continued on Page 16)



# ARMY MARS

Joseph C. Patterson AD4TZI

The new FCC incentive licensing program has come in for a lot of vociferous pro and con discussion. But, as the Bible says in effect, "It is a foolish ox which kicks against the goad" the goad in this case being applied by the FCC in the usual place to move us all along a bit faster. For those of us in our seventies this does present certain difficulties. However, as Third Army MARS members we can, if we wish, simply spend more of our operating time on the assigned MARS nets and frequencies and less, if we have to, on our usual ham band activities. So maybe this won't be a total loss after all.

The six-meter net, recently re-activated was, according to a reliable informant, originally established several years ago with Bob Woodruff, AA4JJZ of Avon Park as the NCS. At one time there were twenty or more regular check-ins on Monday and Wednesday evenings. The net reached from Lakeland to Miami and from the East to the West Coast of Florida. Perhaps some MARS members allowed their interest to lag when the new two-meter net was established. Now that the six-meter net is again in operation on 49.-94 mc from 7 to 8 p.m. on Sundays and Wednesdays, this is your chance to get back into six-meter traffic handling, etc. Operation is on AM and SSB and both vertically and horizontally polarized antennas are being used. If you have or can scrounge a six-meter rig, come in and make yourself at home. You will enjoy good company.

District Director Gene Farthing, AA4KHT, reminds our newer members of District Two Third Army MARS that to receive credit and maintain MARS membership, it is required that members check in on the 4,025 mc Alpha Training Net with a minimum of six hours participation on this Alpha Net for each quarterly period of three consecutive months. Also that Sig.

## LETTERS . . .

(Continued from Page 2)

Does fone patching crowd the bands any more than the handling of hundreds of meaningless messages that may, or may not be delivered days or weeks later?

How can anybody object to fone patching and, at the same time, approve traffic nets?

Isn't it selfish to deprive others of the pleasures that we can provide?

He also complains about blue-bloods and reserved frequency spectrum. A few more questions, please.

Does it seem fair to those with enough ambition to study and improve themselves if holders of lower class licenses receive the same benefits?

Wouldn't that be like allowing a person with a ham ticket to operate a commercial station?

How can it be considered discrimination when a more highly qualified person is permitted to operate in reserved portions of the spectrum?

Have patch - will call.

73

G.E. Hoffstetter, K4AV  
10005 Bay Pines Blvd., Lot 1389  
St. Petersburg, Fla. 33708

Dear President Tischer:

I am in accord with the suggestion of the South Miami Radio Club, convening "Amateur Radio Week in Florida", and will extend my utmost efforts to see it come about.

Sincerely,  
Claude Kirk



81 Cards are to be filled out completely and mailed to Fort McPherson promptly at the end of each month.

W4KDA = SAV = JOHN W4BDT = VERNON K4MNY = ATL = LOU  
W4OLB = KMX = MAC W4EMX = MGM = JERRY  
W4JWG = JAX = DON W4UCN = ZTL = GRIF



# SCM's CORNER E/F

By JESSE H. MORRIS W4MVB

Well here we are back in the pages of SKIP after a couple of months lay off. Summer is over and I am looking forward to the winter operating season. Traffic reports have reached their lowest level since I have been SCM this month. It is my hope that we can all get together this winter and increase the number of stations reporting. The tops so far has been in the area of seventy-five and this month it dropped into the fifties. I hope that at least one month we can reach the figure of one hundred. If everyone will send in his traffic reports and encourage others to do

likewise we can reach that figure. This month I would like to talk about appointments which this office issues. First of all there are the League Officials. Foremost of these is the Section Emergency Coordinator. This office is held by W4IYT assisted by W4FP. We have a Route Manager for CW, W4ILE, and for RTTY, W4RWM. We have Phone Activities Managers for forty meters, W4SDR, for seventy-five meters, W4TUB, and for SSB, W4OGX. We also have a VHF Phone Activities Manager, WA4BMC. These people all help me to do my

## K4CYN



VERO BEACH, FLORIDA

32960 C. LeRoy Armstrong,  
P.O. Box 893

QSL-OF-THE-MONTH

job which is reporting the activity which goes on within this section to ARRL and FLORIDA SKIP. In Eastern Florida these people do not run the nets as is not for the certificate hunter but for bona fide traffic handlers. Though there is no rigid number as far as amount of traffic that should be handled one

## 'SKIP'-eroo's THE BRAIN DEPARTMENT

Unscramble each line of letters and insert them in order in the boxes to the left of them. Each line forms a common word, mostly electronic, which must be in the proper order to give the correct solution. Then unscramble the letters within

This month's "SKIP"-eroo submitted by Bob, W4CJV.

### NO. 7 - "SURE INDICATIONS"

EEMORT

IGINRW

EMLOUV

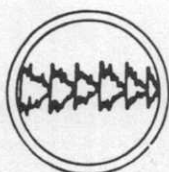
ECMTN

BCEIDL

SALSC

### SOLUTION TO NO. 6

PENTODE SWITCH  
SPEAKER SOCKET "PHONE PATCH"  
CHASSIS CHEATER



## The Florida Side Banders Association

By K4SRI

This writing marks the 391st meeting of the Florida Sidebanders Association - and over six and a half years of unbroken service to the communities of which the net members are citizens.

Six and a half years ago the sideband technique was something new and Donald Duck; the fitting appellation given to the sidebanders had scarcely grown knee breeches.

Tonight the tenth of September 1967, the association numbers 302. At the last meeting (I quote George, K4EMW) 49 members and 3 new members; associates answered the roll. Where are the rest?

Through the years the number of Silent Keys, though numerous, has not kept pace with the number of Associates, thank goodness, and the association

has prospered and continued to grow. How long this will continue, that's anyone's guess.

It would be a great day when many of the members who seemingly have lost interest, would call in and say howdy, anyhow.

K4EMW was kind enough to send your correspondent a list of Charter Members of the Sidebander's Association.

Number 2 is listed as W4TY, Number 3 as W4GJI, Number 5 as W4JQ, Number 8 as W4DKJ, Number 9 as W4AFF, and Number 10 as W4ZJ... Six and a half years of advanced technique tried through high water anyway

Somewhere down this list of members K4RNR, K4RNS, W4-IYT and all of the rest who were so kind, W4BMC, W4OGX, W4-FCP... and all of the rest who kept the flame of interest burning, your correspondent says thanks.....

K4SRI



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LU7FAG Gus

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Collins 516F-2 Power Supply . . . . .	95.00
Collins KWM-2, CC-1, PM-2 Waters "Q" Multiplier . . . . .	795.00
Clegg 99er Receiver . . . . .	79.00
Eico 722 VFO . . . . .	29.00
Galaxy 3, AC, Speaker . . . . .	195.00
Hammarlund HQ-160 + Speaker . . . . .	149.00
Hammarlund HQ-170A . . . . .	149.00
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Hallicrafters HT-41 Linear . . . . .	145.00
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An Advertising inch is measured 7/8" vertically on one column, i.e., 4 columns - 40 column inches to a page. Rate card by column inch supplied upon request. FLORIDA SKIP, Advertising Department, P. O. Box 501, Miami Springs, Fla. 33166.

FOR SALE: Complete ham station. Harvey Wells TBS-50 transmitter with a.c. supply. Brand new Head HR-10 with xtal calibrator, converted ARC-5 VFO. All in excellent condition and all for \$120.00. David L. Rankin K4AWO, 780 NW 42nd Ave. #125A, Miami, Fla. 33126. Phone: 443-1088.

FOR SALE: Drake TR-4, \$420.00. RV-4 \$70.00. AC-4 \$70.00. DC-3 \$105.00 or all for \$570.00 used only 4 days. Also two Johnson Thunderbolts - 2000 PEP linears \$325.00 each. Louis E. Persons W4PJG, P.O. Box 1647, Ft. Myers, Fla. 33902.

WANTED: Good used Hy-Gain hystower model 18HT. Willing to pick up anywhere in Florida. FOR SALE: 40 foot crank up tower not a TV tower, very good condition, complete with hinged base and house bracket \$40.00. Dan Lynne W4VSV, 331 Del Sol, Melbourne, Fla. Phone: 723-3590.

FOR SALE: Heath Balluns \$50.00. Heath Vibrator tester VT-1 \$6.00. Patterson transistorized 100 kHz frequency standard with instructions, operates on 15 v.d.c. \$6.95. Globe Chief Deluxe \$29.00 (80 thru 6). Globe VFO with own built in supply \$10.00. Andy Clark W4IYT, 41 Lenape Drive, Miami Springs, Fla. 33166. Phone: 888-3874.

WANTED: Mino-Prod. coax vertical C-4 good condition. Ed Peckham W4DSD, 344 S.E. 11 Ave., Pompano Bch., Fla. 33060. Phone 941-4911.

IMMACULATE Collins 32S-3 new last year, guaranteed perfect. \$489.00. 516F-2 supply \$79.00. The pair \$559. Latest production HENRY KD-2 deluxe linear amplifier, operated only four hours, absolutely new condition \$539.00. WATERS #359 Compreamp, brand new \$15.00. New boxed 872A's. \$4.00. 2mfd, 6Kv Sprague oil cap, \$5.00. Dick W4ETO, 13315-108th Avenue North, Seminole, Fla. 33540. Phone (Clearwater) 813-595-3447.

FOR SALE: Heath DX-60A and coax relay \$60.00 HG-10 VFO \$25.00 HD-10 Keyer \$30.00, 14AVQ and 30 foot mast with mounting bracket \$20.00, 5 watt 10 meter transceiver with power supply for 117 v.a.c. and 12 v.d.c. \$35.00. 727 mike \$5.00 HB PS for HW32A \$15.00. Victor McKeighan, 14700 N.E. 4th Avenue, North Miami, Fla. 33161.

FOR SALE: HQ100A Mint \$90.00. S-38 with transformer supply \$30.00. BC-348 with a.c. supply \$30.00. BC-348 no supply \$10.00. Two BC-221 with calb/book \$40.00 each. TS-174 20 to 250 mc modulation \$75.00. T/S 175 80 to 1000 Mc. with calb/book and modulation \$75.00. Hustler mast and antenna for 10, 15 and 20 meter, chain bumper mount, new \$25.00. Multi-phase RF Analyzer model MM-2 central Electronics \$50.00. Will sell the complete group or trade any part for SSB 5 band transceiver. Gene W. Starr WA4JDB, 856 Clarke Ave., Eau Gallie, Fla.

Egotism is not one of the better virtues, but it does lubricate the wheels of life.

FOR SALE: Collins 30L-1 Linear, perfect \$295.00. Millen 1 KW Transmatch \$85.00. L. Wolford, WA4QPR, 15 Ash St., Oakside Trailer Park, Zephyrhills, Fla. 33599.

FOR SALE: AM transmitter, home brewed by expert in 5 ft. rack cabinet complete. 807 exciter, pair 811 modulators and pair 809 finals with heavy duty power supply and antenna changer. Beautiful condition, all band and any small VFO will drive to 250 watts. Make offer. Earl Spencer K4FQU, 1414 Davis Dr., Ft. Myers, Fla. 33901 Phone 936-1202.

FOR SALE: VHF-1 Heath Seneca transmitter \$125.00; NC 270 receiver \$125.00. DX-60 Heath transmitter \$60.00. HG-10 Heath VFO \$25.00 5 element Hi-Gain 6 meter antenna \$10. Mel Brooks K4MZH, 8516 S.W. 15 Ct., Ft. Lauderdale, Fla. 33314. Phone: 581-4199.

WANTED: COLLINS mechanical filters F-455FA-15, F455FA-21, F455FA-05; KWM-2 or 2A, with mobile accessories: 312B-5, 20L-1. Cash or trade TTY equipment. Red Andrews W4IMZ, 601 E. Acre Dr., Plantation, Fla. 33313.

FOR SALE: Ham-M-Rotor, used very little \$70.00. Mosley TA-32 senior, \$30.00 and Balun \$10.00 all for \$100. Adolph E. Moebis WA4CIL, 3920 Central Ave., St. Petersburg, Fla. 33711. Phone 862-7974.

Keeping your eye too closely on the future may obscure present opportunities.

FOR SALE: Apache with SB-10 SSB adapter, TA-33 Jr, AR-22 rotator, cable and coax all for \$275.00. HQ-160 general coverage receiver, excellent on SSB, mint condx \$225.00. Bub K4NSZ, 2413 Country Club Prado, Coral Gables, Fla. 33134. Phone 661-4555.

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FOR SALE: HQ-170 AC receiver excellent condition \$245.00 Joe Luneke W4MGM, 823 Magnolia Drive, Lake Park, Fla. Phone 848-1472.

FOR SALE: HT-37, clean perfect condition \$200.00. Morris G. Bass K4-EKU, 1931 N.E. 186th Dr., North Miami Beach, Fla. 33162. Phone 949-3753.

NOTICE: HAMBARS are picking up some. 90 percent of people think .25¢ is too little. If the other 10 percent think it is too much - send in the HAMBARS and we'll print 'em FREE. OK?

CORRECTION... Listed on page one of Oct. FS please show Panama City ARC as having 5993 points, NOT Pensacola. Sorry about that Charlie...

FOR SALE: Vallant very clean \$90.00. Dick Servais K4YLG, 531 Raven Ave., Miami Springs, Fla. 33166. 888-8543.

FOR SALE: Clegg 22er, Imeco 621 VFO, Lafayette HA-460 HA-1200 all like new and in box. Hi-gain 3 element 2 meter beam, like new. Make offer or trade. Robert D. McClaran, W4ZGG, P.O. Box 2513, Vero Beach, Fla. 32960. Phones 567-4974 or 562-2365 or 562-4600.

FOR SALE: SBE-34 new with cables, manual and carton \$295.00. Saul Cohen K4ACJ, 4524 Michigan Ave., Miami Beach, Fla. 33140. Phone 531-9782.

WANTED: Mino Prod Coax vertical C-4, in good condition. Ed Peckham W4DSD, 344 SE 11th Ave., Pompano Beach, Fla. 33060.

FOR SALE: Heath VFO HG-10, 80 thru 10 with manual. \$35.00 firm. Lou Lerner WA4VQV, 2110 SW 83rd Ct., Miami, Fla. 33155.

Anger is only one letter short of danger. Salada.

FOR SALE: Skylanefiber glass quad, tri-bander, \$50.00. TA33 Jr. Tri-bander can handle 1200 Watts PEP, 2 years old \$50.00. HW-32A, AC and DC supplies, hustler antenna, 20 meter coil, all or none \$155. Heath mobile speaker \$6.50. Knight 5 inch broad band oscilloscope \$25.00. Above items in perfect condition. George H. Reaves, 118 N. Lakeview Ave., Winter Garden, Fla. 32787. Phone (305) 656-4264, 10 miles west of Orlando.

FOR SALE: Heath HW-22A, microphone and a.c. power supply. Factory aligned, perfect condition \$150.00. Ken Stuber WB4CQJ, 200 N.W. 40 Ct., Pompano Beach, Fla. 33064 Phone 942-7854.

FOR SALE: 40 foot E-Z way tilt over crank up tower (galvanized), TA-33 Jr. Beam, CDR rotator and control. Complete package \$250.00. All 3 years old - no split. See in person. Antonio Gelineau W4LEQ, 425 Falcon Ave., Miami Springs, Fla. 33166.

WANTED: Motorola 41V or 80-D for amateur use. 12 VDC units needed. Doc Mock W4RHD, 7252 SW 134th St., Miami, Fla. Phone 238-6848.

Even successful men don't have enough fingers and toes to count their failures.

FOR SALE: Gonset G-50, 6 meter communicator \$160.00. Mike for above \$12.00. Rohn 3 section tower with hinge base, \$60.00. Finney 6&2 beam \$45.00. CDR rotor \$15.00. All in mint condition, all inquiries answered. Arnold Kogler WB4BJS, 3374 N.W. 33rd Ave., Ft. Lauderdale, Fla. 33309. Phone: 587-6238.

FOR SALE: EXTRA Clean Hallicrafters HT-32A \$175.00. Hammarlund HQ-170C \$175.00 both \$325.00. Clean Johnson Viking Vallant II \$125.00. Beautiful homebrew KW linear 80/10 meter pair 813's GG with 3000 volt HD power supply and 2 new spares \$125.00. Heath Keyer \$40.00. Al Duarte WA4ZST, 1265 Campo Sano Ave., Coral Gables, Fla. 33146. Phone (305) 661-0794.

FOR SALE: Navy version of HRO R-AS-5 with seven original coils \$60.00. Mosley CM-1 receiver \$60.00. G. Bitterman W4QDD, 2731 SW 14th St., Miami, Fla. 33145. Phone 446-6337.

FOR SALE: TA-33 Mosley tri-band beam and AR-22 rotator, both in excellent condition. M.L. Spinelli W4-VWY, 137 Linda Lane, Palm Beach Shores, Fla. 33404. Phone 848-6189.

FOR SALE: Johnson Viking adventurer, Hammarlund HQ-110 receiver, E-Z way 40 foot tower, W2AU Quad and all station accessories all for only \$275.00. Bob Herring, WA4TVT, 6250 SW 19th St., Miami, Fla. Phone 667-1583.

BROWARD Amateur Radio Club, Inc. W4AB meets 2nd Wednesday of month at Broward County Medical Bldg., 2200 S. Andrews Ave., Ft. Lauderdale, Fla. at 8 P.M. Nominations for new officers received at October meeting. (Paid adv.)

WANTED: More station, club and group photos. Any size, but prefer large and glossy prints. Editor, FS Box 501, Miami Springs, Fla. 33166.

FOR SALE: Knight T-60 all band, phone and c.w. with manual \$35.00. Silver Model 900 VTM needs xfmr \$4.50. RME Preselector 80 thru 10. Bring your receiver back to life. \$18. Commercial built line amp. 500 to 500 or 8 ohms. \$5.00 Misc parts. WHATSA need? Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs, Fla. 33166, Phone 888-3874.

The 7th edition of HAM PHONE DIRECTORY now being compiled will list call, license class, name, address, city, phone and ZIP numbers of any amateur from Orlando to Key West who sends in the above info to Ham Directory, 1136 S.W. 74th Ct., Miami Fla. 33144. By return mail we will send you a descriptive bulleting explaining all details. Listings are free.

WANTED: When you receive your QST renewal certificate, fill out the enclosed AREC application and forward to your local EC. If unknown, send it to FLORIDA SKIP and we'll send it on. TUVMO

FOR SALE: Collins 75A3 receiver Serial 1800, speaker. Heath HD-15 Hybrid phone patch. Must sell. No reasonable offer refused. All. Mint. Harry Mills W4ekx, 12260 SW 191 Terr., Miami, Fla. 33157. Phone CE 5-6679.

WE ARE HAPPY  
TO SEE THIS PAGE  
FULL AGAIN.  
KEEP 'EM COMING -  
Editor

## An Electronic 'TR' Switch

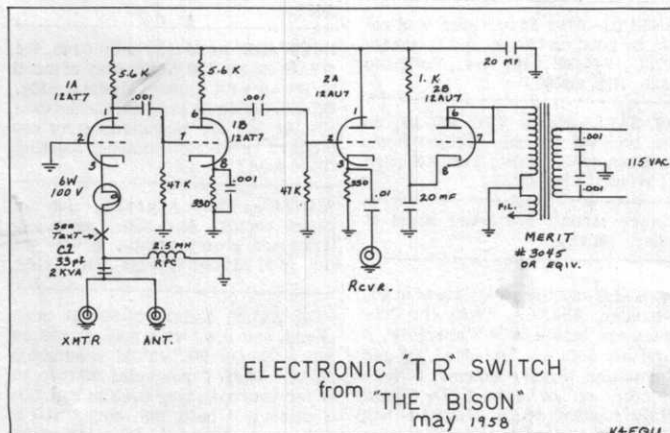
By Earl Spencer, K4FQU\*

THIS CIRCUIT WAS SENT TO SKIP WITH NO WRITTEN INFORMATION AND WAS APPARENTLY TAKEN FROM THE MAY 1958 ISSUE OF "THE BISON."

Most hams today have lost the flavor of using separate transmitters and receivers through the transition to SSB and the transceiver and so this article is for those few who have not yet succumbed to the fever.

This is a rather simple switch requiring no manual dexterity and should give trouble free service for a long time. It should be capable of power inputs up to about 350 watts RF and could be used on the legal limits if enough limiting resistance were used at point X on the schematic.

The combination of C1 and the 6 watt lamp act as a current limiting resistance when in the transmitting position. Sample RF causes the first half of V1 to bias to cut-off thus blocking



RF from the rest of the circuit and ultimately the receiver. In the receive position, which is immediate upon the absence of RF, the first half of V1 assumes the position of a grounded grid amplifier. The second half of V1 acts as a conventional amplifier feeding the first half triode of V2 which is a cathode follower type to the receiver. This amplification adds enough gain to the signal to overcome the circuit losses induced through the blocking system.

The small plate resistance in the two halves of V1 allow the circuit to be rather broad banded should be usable from 80 through 10 meters; possibly even through 6.

The second half of V2 is a conventional half wave diode rectifier. No information could be found on the Merit #3045 Transformer but any type producing 100-130 volts should work. The filaments can be 6 or 12 volts either in series or parallel.

This circuit is quite simple and should work very well especially for CW break-in operation as its recovery time should be in milliseconds. Lots of luck...

\*1413 Davis Drive  
Ft. Myers, Fla. 33901

73, K4FQU

### NEWLY REVISED from Page 12)

electronics parts distributors and bookstores throughout the country, or from the publisher. Howard W. Sams & Co., Inc., 4300 West 62nd Street, Indianapolis, Indiana 46202. 2nd Edition, Catlaog No. 20566 Size: 160 pages, 5-1/2 x 8-1/2" List price: \$2.95

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### Boo-Boo Dept.

Listed on page one of October Florida SKIP, please show Panama City ARC as having 5993 points -- NOT Pensacola. Anyway we were in the right section of Florida.

## The Silver Spoon

We have often heard the expression "He was born with a silver spoon in his mouth" used to describe those who seem to have inherited success, wealth, or great social position. It usually implies that the individuals so blessed have never had to experience the trials and tribulations of we lesser folks in our journey through life. I would like to state that the majority of the Florida amateur society was born with a silver spoon in their collective mouths.

I was licensed while on a tour of duty with the Air Force in Tallahassee, Florida. With limited knowledge of amateur operations, I accepted the organization and efficiency of Florida amateurs during times of disaster as routine. While

participating in the West Florida Phone Net from my home QTH, or on other nets from the Civil Defense station, then under the call of K4YPI, I would think the same nasty thoughts as other net members when some outsider would "Break, break with emergency traffic" and when recognized would have routine health and welfare requests, never in proper format.

I have since worked with Louisiana RACES Civil Defense, regular traffic nets, Texas RACES and many other "Emergency Sessions" of other nets across the Gulf Coast, and have queried many a ham during ragchews as to what organization exists in his section. The results of this participation and investigation gives me substantial reason to support my "silver spoon" statement.

## Ode to Frustration

By Jim, WA4TWD

In a world fraught with confusion  
Sometimes fact is naught but illusion  
And sometimes illusions are  
easy to see  
'Cause the world's so full of  
technology

Now I'm not one to knock convention  
Just a couple of things I'd like  
to mention  
Such as when does illusion really  
end  
And how does one know when  
fact begins

We orbit a man with comparative ease  
And pay for his ticket, if you  
please,  
By telling the taxpayers this is  
advancement  
Of technological progress enhancement

We've got sprockets, sockets,  
and field effect  
Little black boxes that think,  
by heck  
Dials and gauges and computers  
Oh! for the return of human  
tutors

Linears and obtuse angles  
Oscillatory circuits tangled  
Back scatter propagation  
Or simple plan of polarization

Super sonic frequency  
Creates stray capacity  
Symetry  
Bugging me

That silver spoon is the organizational leadership evidenced by those Florida hams who originated and developed the communication capabilities of the Florida sections. To mention a few is to slight many, but my thanks go to men like W4R-KH, W4MLE and W4IYT who have time and again demonstrated the ability and necessary discipline to efficiently establish emergency communications and who have set the standards for others to follow.

Sincerely,  
Lt. Bruce A. Eggers, WA9NEW  
Lot 15, Morgan's Trl. Ct.  
Alexandria, La. 71301

FCC  
Watching me  
Feedback cutter on the blink  
Transformers that smoke and  
stink

Lecher wires and magnetism  
Quadratic equations and logarithms  
Sockets local  
Tubes are octal

Milli, micro  
Pi, MOH  
Doggone me I get so shook  
In every circuit I see a spook

But all these things would become passe  
If I could only find a way  
To surmount all obstacles contrary  
And meet this broad called Q  
R Mary!!